STIC-Biot ch/ChemLib

From: Sent:

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Chernyshev, Olga Wednesday, August 21, 2002 11:01 AM STIC-Biotech/ChemLib

To: Subject:

sequence search request

Please search US case 09/462,909 SEQ ID NO: 7. Thank you very much!

Olga N. Chernyshev AU1646 CM1 10E18 305-1003 mail box 10C01

1219

Point of Contact. Alexandra Waclawiw Technical Info. Specialic CM1 6A02 Tel: 308-44

Searcher:	
Phone:	
Location:	
Date Picked Up:	
Date Completed:	
Searcher Prep/Review:	_
Clerical:	
Online time:	

TYPE OF SEARCH:
NA Sequences:
AA Sequences:
Structures:
Bibliographic:
Litigation:
Full text:
Patent Family:
Other:

/ENDOR/COST (where applic.)
STN:
DIALOG:
Questel/Orbit:
DRLink:
Lexis/Nexis:
Sequence Sys.:
WWW/Internet:
Other (specify): Compuser

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SM5A_MOUSE
SM5A_MOUSE
AC 062217
DT 062217
DT 30-MAX
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DE Semaph
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30-MAY-2000 (Rel. 39, Last sequence update)
16-OCT-2001 (Rel. 40, Last annotation update)
Semaphorin 5A precursor (Semaphorin F) (Sema
SEMA5A OR SEMAF OR SEMF.
                                                                                                                              CARBOHYD
                                                                                                                                                                                                                                                                                                                                                                            SIGNAL
                                                                                                                                                                                                                                                                                                                                                                                                          PROSITE; PS50092; TSP1
Signal; Transmembrane;
                                                                                                                                                                                                                                                                                                                                                                                                                                              Pfam; PF00090; tsp_1; 5.
SMART; SM00423; PSI; 1.
SMART; SM00209; TSP1; 6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pfam; PF01437; Plexin_repeat; 1.
Pfam; PF01403; Sema; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             InterPro;
InterPro;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     entities requires a license agreement (See http://www.isb-sib.ch/announce/or send an email to license@isb-sib.ch).
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                This SWISS-PROT entry is copyright. It is produced through a between the Swiss Institute of Bioinformatics and the EMB!
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDILINE-96414430; PubMed-8817451;
Adams R.H., Betz H., Pueschel A.W.;
"A novel class of murine semaphorins with homology to thrombospondin is differentially expressed during early embryogenesis.";
Mech. Dev. 57:33-45(1996).
-I- FUNCTION: MAY ACT AS POSITIVE AXONAL GUIDANCE CUES.
                                                                                                                                                    DOMAIN
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Mammalia; Eutheria; Rodentia;
                                                                                                                                                                                                                                                                                                                                                                                            Developmental
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SIMILARITY: CONTAINS 7 TSP TYPE-1 DOMAINS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SUBCELLULAR LOCATION: Type I membrane protein.
TISSUE SPECIFICITY: IN ADULT, DETECTED IN LIVER,
HEART, LUNG AND SPLEEN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     X97817; CAA66397.1; -.
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IPR001627; Sema.
IPR000884; TSP1.
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  protein;
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P TYPE-1 2.
P TYPE-1 3.
P TYPE-1 4.
P TYPE-1 5.
P TYPE-1 6.
P TYPE-1 7.
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Matches 8
                    InterPro; IPR000884; TSP1.
InterPro; IPR001007; WMFC.
Pfam; PF00074; F5_F8_type_C; 1
Pfam; PF00075; Idl_recept_a; 3
Pfam; PF01826; TIL; 1.
Pfam; PF00090; tsp_1; 4.
Pfam; PF00090; tsp_1; 4.
Pfam; PF00091; vvc; 1.
SMART; SM00192; LDLa; 3.
SMART; SM00192; LDLa; 3.
SMART; SM00201; TSP1; 4.
PROSTUTE DE00214; VWC; 1.
SMART; SM00214; VWC; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDLINE=96338614; PubMed=8743952; Gobron S., Monnerie H., Meiniel R.,
                                                                                                                                                                                                                                                   entitles requires a license agreement (See http://www.isb-slb.or send an email to license@isb-sib.ch).
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                                                                                                                                                                                                                                                                             use by non-profit institutions as long modified and this statement is not removed
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MEDLINE-96338614; Pu
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovoidea
Bovidae; Bovinae; Bos.
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InterPro; IPR000884; TSP1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 847
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SIMILARITY: CONTAINS AT LEAST 4 TSP TYPE-1 DOMAINS.
SIMILARITY: CONTAINS AT LEAST 2 EGF-LIKE DOMAINS.
SIMILARITY: CONTAINS AT LEAST 1 F5/8 TYPE C DOMAIN.
SIMILARITY: CONTAINS AT LEAST 3 LDL-RECEPTOR CLASS A DOMAINS.
                                                                                                                                                                                                                                                                                                       s SWISS-PROT entry is copyright. It is produced through a collaboration ween the Swiss Institute of Bioinformatics and the EMBL outstation - Buropean Bioinformatics Institute. There are no restrictions on its
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09UKP4;
16-OCT-2001 (Rel. 40, Created)
16-OCT-2001 (Rel. 40, Last sequence update)
01-MAR-2002 (Rel. 41, Last annotation update)
ADAMTS-7 precursor (EC 3.4.24.-) (A disintegrin and metalloproteinase
with thrombospondin motifs 7) (ADAM-TS 7) (ADAM-TS7).
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NON_TER
                   Zinc Metalloproteases,";
J. Biol. Chem. 274:25555-25563(1999).
-:- COFACTOR: BINDS 1 ZINC ION (BY SIMILARITY).
-:- SUBCELLULAR LOCATION: SECRETED. ASSOCIATED MATRIX (BY SIMILARITY).
-:- TISSUE SPECIFICITY: EXPRESED IN HEART, BRA:
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Mammalia; Eutheria;
NCBI_TaxID=9606;
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                                                                                                                                       SEQUENCE FROM N.A.
MEDLINE-99395124;
                                                                                                            ADAM-TS5,
                                                                                                                                                                                                                                  Homo sapiens (Human)
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PS50068;
PS50092;
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                                                                                                            T.L., Hirohata S., Seldin
ADAM-TS6, and ADAM-TS7, N
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LDLRA_2;
TSP1; 4.
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EGF-LIKE 2.
EGF-LIKE 2.
TSP TYPE-1 2.
F5/8 TYPE C.
LDL-RECEPFOR CLASS
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TSP TYPE-1 3.
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Catarrhini;
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        PANCREAS
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E Brain-specific angiogenesis inhibitor 3 precurvy

BAI3 OR KIAA0550,

Homo sapiens (Buman).

Eukaryota: Metavor
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